

In The Claims

A listing of pending claims is as follows:

What is claimed is:

1-16 (cancelled)

17. (previously presented) A sealing jaw system comprising a sealing jaw, for manufacturing a transverse sealing seam (19) in the heat-sealable material for a package, where the heat sealable material has transverse crease lines 12 oriented in a direction that insects longitudinal crease lines 10, said transverse crease lines being interrupted by gaps at a location where its direction passes a longitudinal crease line, and auxiliary crease lines 17, 18 extending parallel to the direction of the transverse crease lines at least along the gaps, said sealing jaw having a sealing surface that is provided for coming into contact with the heat-sealable material, and at least one rod or bar-shaped heating device is provided on the sealing surface for heating the heat-sealable material, wherein at least one pressure element (23) is provided on the sealing surface, projecting above the sealing surface and at a distance from the heating device (22) and wherein the pressure element (23) is rod or bar shaped and extends substantially parallel to the heating device (22) and the pressure element (23) is adjustable for engagement with a fold line (10,11) running in a longitudinal direction relative to the pressure element and such that pressure element 23 extends along at least a portion of auxiliary crease lines 17, 18 .

18. (canceled)

19. (previously presented) A sealing jaw system comprising a sealing jaw according to claim 17 wherein the heating device (22) and the pressure element (23) are distanced apart from one another by at least 0.1 mm.

20. (previously presented) A sealing jaw system comprising a sealing jaw according to claim 17 wherein the heating device (22) and the pressure element (23) are distanced apart from one another by between 0.25 mm and 3 mm.

21. (previously presented) A sealing jaw system comprising a sealing jaw according to claim 17 wherein the heating device (22) and the pressure element (23) are distanced apart from one another by between 0.5 mm and 1.5 mm.

22. (previously presented) A sealing jaw system comprising a sealing jaw according to claim 17 wherein the heating device (22) is provided with an inductor and the pressure element (23) is composed of a non-conductive material.

23 – 28 (canceled).

29. (previously presented) A sealing jaw system comprising a sealing jaw according to claim 17 wherein two pressure elements (23) are provided.

30. (previously presented) A sealing jaw system comprising a sealing jaw according to claim 17 wherein two rod or bar-shaped heating devices are provided.

31. (previously presented) A sealing jaw system comprising a sealing jaw according to claim 30, wherein a cutting or separating device is provided between the two heating devices.

32. (previously presented) A sealing jaw system comprising a sealing jaw according to claim 30, wherein an aperture for a cutting or separating device is provided between the two heating devices.

33. (previously presented) A sealing jaw system comprising a sealing jaw according to claim 17, wherein each heating device is allocated at least one pressure element (23).

34. (previously presented) A sealing jaw system comprising a sealing jaw according to claim 17, wherein the ratio of the length of the heating device to the length of the pressure element (23) is between 5:1 and 25:1

35 – 36 (canceled)

37. (previously presented) A sealing jaw system comprising a sealing jaw according to claim 17, wherein the pressure element (23) can be displaced in a longitudinal direction of the sealing jaw.

38. (previously presented) A sealing jaw system comprising a sealing jaw according to claim 22 comprising a counter jaw for producing sealing seam by pressing and heating heat-sealable packaging material between the sealing jaw and a counter jaw.

39. (previously presented) Use of a sealing jaw system according to claim 38 in which flowable material is infilled into a tube (1) formed from a material web of packaging material provided with fold lines (12, 13), where the tube (1) is provided with a right-angle sealing seam (19) by pressing and heating heat-sealable packaging material between the sealing jaw and the counter jaw and the sealing jaw system is further provided with a device for detaching the tube from the web in the area of the right-angle sealing seam (19).